

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20020098873").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/09 07:44
S4	10	((JUNJI) near2 (KONDO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/04 10:10
S5	14	(space adj division adj multiplex\$4) same beam same orthogonal\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 10:10
S6	47	(space adj division adj multiplex\$4) and beam with orthogonal\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 10:12
S7	2	("5940514").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/04 10:13
S8	54	(orthogonal\$4 near2 (beam adj pattern))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 10:27
S9	1	S8 and sdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 10:27
S10	6	S8 and space adj diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 10:27

S11	16	("5933421"   "6115427"   "6185258"   "6212242"   "6314147"   "6327310"   "6351499"   "6430231"   "6510173"   "6560295"   "6754286"   "6804307"   "6853689"   "6898248"   "6985434").PN. OR ("7181246").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/04 10:30
S12	2	("5329522").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/04 10:32
S13	13	("3824597"   "4019184"   "4134116"   "4336542"   "4389647"   "4446462"   "4617570"   "4806932"   "4907218"   "5017925"   "5128669").PN. OR ("5329522").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/04 10:32
S14	2	("7095987").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/04 10:39
S15	20	(Alert near2 van near2 Zelst).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 10:46
S16	2	("7151951").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/04 10:52
S17	19	(Zhengang near2 Pan). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 11:45
S18	93	(Zhen\$4 near2 Pan).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 11:46

S19	1	S18 and (space adj division)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 11:47
S20	11	S18 and mimo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 11:47
S21	119	((LAN) near2 (CHEN)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/04 11:47
S22	2	S21 and (space adj division)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 11:47
S23	2	("20060209754").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/04 11:59
S24	4	quasi-orthogonal and SDM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 12:01
S25	4	quasi adj orthogonal and SDM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 12:01
S26	86	quasi adj orthogonal and MIMO	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 12:01
S27	14	quasi adj orthogonal and MIMO and space adj division	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/04 12:01

S28	2	("6757265").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/06 10:35
S29	2	("6895258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/06 10:37
S30	30	("5471647"   "5634199"   "5684836"   "5930243"   "6026304"   "6108565"   "6141335"   "6181955"   "6192038"   "6229481"   "6269247"   "6289005"   "6320853"   "6347234"   "6349094"   "6415163"   "6615024"   "6643526"   "6735182"   "6738619"   "6754286"   "6839574").PN. OR ("6895258").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 10:38
S31	6	(space adj division) same multi adj beam	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 11:10
S32	11	("20030125040"   "20040063438"   "20040095907"   "20040121810"   "6006110"   "6091788"   "6330460"   "6597668"   "6850502"   "6895258"). PN. OR ("7206608"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 11:17
S33	4	S32 and space adj division	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 11:17
S34	3	MIMO and space adj division same multi adj beam	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 11:18
S35	199	MIMO and beam\$1form \$4 and (SDMA)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 12:47
S36	74	S35 and space adj division	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 12:47
S37	59	S36 and weight\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 12:47
S38	10	((ALLERT) near2 (ZELST)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 13:17

S39	2	("20050009476").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/06 14:20
S40	35	MIMO and (antenna near2 array) with (SDMA)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 14:27
S41	3	(SDMA or SDM) and (pilot same (transfer adj function)) and diagonal \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:02
S42	2	("5982327").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/07 13:03
S43	23	(US-20050286650-\$ or US-20070060073-\$ or US-20040017785-\$ or US-20060209754-\$ or US-20050141407-\$ or US-20050174981-\$ or US-20060159052-\$ or US-20070140377-\$ or US-20060160496-\$ or US-20020150109-\$ or US-20020173302-\$ or US-20040223561-\$ or US-20060229017-\$).did. or (US-7181246-\$ or US- 7263132-\$ or US- 5329522-\$ or US- 7151951-\$ or US- 6895258-\$ or US- 7263082-\$ or US- 7206608-\$ or US- 7085240-\$ or US- 7046965-\$ or US- 5982327-\$).did.	US-PGPUB; USPAT	OR	ON	2008/10/07 13:10
S44	13	S43 and pilot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:10

S45	2	S43 and (pilot same transfer adj function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:11
S46	3	S43 and (pilot and transfer adj function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:11
S47	3	S43 and (pilot and impulse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:12
S48	1	S43 and (pilot same impulse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:13
S50	0	S43 and (base\$1station same pilot )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:13
S51	5	S43 and (base adj station same pilot )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:14
S52	18	(base adj station same pilot with transfer adj function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:15
S53	64	((base adj station or transmitter) same pilot with transfer adj function)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:40

S54	14	((base adj station or transmitter) same pilot with transfer adj function) and MIMO	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:41
S57	167	((base adj station or transmitter) with pilot) same MIMO and terminals	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:42
S58	83	((base adj station or transmitter) with pilot) and MIMO and (space adj division)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:43
S59	2	("6870515").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 07:46
S60	13	("5691727"   "6067053"   "6144711"   "6211841"   "6317098"   "6697643").PN. OR ("6870515").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/08 07:47
S61	2	("7020113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 09:21
S62	51	(zhigang near2 rong).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 09:30
S63	1	S62 and sdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 09:30

S64	0	S62 and tracking adj error	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 09:30
S65	0	S62 and doppler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 09:30
S66	160	(steven near2 gray).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 09:31
S67	1	S66 and sdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/08 09:31
S68	34	("5276907"   "5555534"   "5596333"   "5684491"   "5771017"   "5809422"   "5841766"   "5848060"   "5894598"   "5907816"   "5953325").PN. OR ("6108323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/08 09:34
S69	10	("20020002055"   "20020012331"   "5805996"   "6108323"   "6115609"   "6310871"   "6483866").PN. OR ("6684086").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/08 09:35
S70	11	("20030125040"   "20040063438"   "20040095907"   "20040121810"   "6006110"   "6091788"   "6330460"   "6597668"   "6850502"   "6895258"). PN. OR ("7206608"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/08 13:13
S71	0	((angular or angle) near spread\$4) same MIMO same beam same (priority or schedul\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/08 13:35



S72	1	((angular or angle) near spread\$4) same beam same (priority or schedul \$4) and (SDMA OR SDM)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/08 13:35
S73	2	("20060251036").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 13:41
S74	3	("6721349").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 13:43
S75	2	("20020031082").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 13:43
S76	2	("20040160914").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 14:00
S77	2	("20050277444").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 14:02
S78	2	("20050094602").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 14:03
S79	2	("20060009244").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 14:05

S80	2	("20020098873").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 14:07
S81	2	("20040136343").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 14:40
S82	8	((SHOUI CHI) near2 (KOGA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/08 15:39

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